

DISEÑO CABLE SAN CRISTOBAL													
ESTACION ALTAMIRA - CARRERA 12B ESTE													
No.	ABSCISA	COTA PIV	DISTANCIA	PENDIENTE	LONG CURVA	K	EXT	ABS PCV	COTA PCV	ABS PIV	COTA RAS	ABS PTV	COTA PTV
INI	K0+000.00	2872.59	10.00	1.90%									
1	K0+010.00	2872.78	23.86	1.90%	16.00	2.93	0.11	K0+002.00	2872.63	K0+010.00	2872.89	K0+018.00	2873.37
2	K0+033.86	2874.54	48.20	7.37%	30.00	1.65	-0.68	K0+018.86	2873.43	K0+033.86	2873.86	K0+048.86	2872.92
3	K0+082.06	2869.34	40.23	-10.79%	35.00	4.33	0.35	K0+064.56	2871.23	K0+082.06	2869.69	K0+099.56	2868.87
4	K0+122.29	2868.25	-122.29	-2.71%	25.00	4.44	0.18	K0+109.79	2868.59	K0+122.29	2868.43	K0+134.79	2868.62
FIN	K0+000.00	2864.68											

DISEÑO CABLE SAN CRISTOBAL													
ESTACION ALTAMIRA - CARRERA 12A ESTE													
No.	ABSCISA	COTA PIV	DISTANCIA	PENDIENTE	LONG CURVA	K	EXT	ABS PCV	COTA PCV	ABS PIV	COTA RAS	ABS PTV	COTA PTV
INI	K0+000.00	2865.47	9.32	10.93%									
1	K0+009.32	2866.49	10.66	10.93%	10.00	1.45	0.09	K0+004.32	2865.94	K0+009.32	2866.58	K0+014.32	2867.38
2	K0+019.98	2868.39	4.09	2.28%									
3	K0+024.07	2868.49	4.83	-1.39%									
4	K0+028.90	2868.42	20.73	19.87%									
5	K0+049.63	2872.54	29.97	19.87%	20.00	2.51	-0.20	K0+039.63	2870.55	K0+049.63	2872.34	K0+059.63	2873.73
FIN	K0+079.60	2876.10											

DISEÑO CABLE SAN CRISTOBAL													
ESTACION ALTAMIRA - CALLE 43A SUR													
No.	ABSCISA	COTA PIV	DISTANCIA	PENDIENTE	LONG CURVA	K	EXT	ABS PCV	COTA PCV	ABS PIV	COTA RAS	ABS PTV	COTA PTV
INI	K0+000.00	2870.41	46.36	13.25%									
1	K0+046.36	2876.55	47.06	13.25%	40.00	10.87	-0.18	K0+026.36	2873.90	K0+046.36	2876.37	K0+066.36	2878.47
2	K0+093.42	2881.06	15.57	9.57%	25.00	13.34	-0.06	K0+080.92	2879.86	K0+093.42	2881.00	K0+105.92	2882.02
FIN	K0+108.99	2882.26											

DISEÑO CABLE SAN CRISTOBAL													
ESTACION ALTAMIRA - CALLE 42 B SUR													
No.	ABSCISA	COTA PIV	DISTANCIA	PENDIENTE	LONG CURVA	K	EXT	ABS PCV	COTA PCV	ABS PIV	COTA RAS	ABS PTV	COTA PTV
INI	K0+000.00	2865.47	9.32	10.93%									
1	K0+009.32	2866.49	10.66	10.93%	10.00	1.45	0.09	K0+004.32	2865.94	K0+009.32	2866.58	K0+014.32	2867.38
2	K0+019.98	2868.39	4.09	2.28%									
3	K0+024.07	2868.49	4.83	-1.39%									
4	K0+028.90	2868.42	20.73	19.87%									
5	K0+049.63	2872.54	29.97	19.87%	20.00	2.51	-0.20	K0+039.63	2870.55	K0+049.63	2872.34	K0+059.63	2873.73
FIN	K0+079.60	2876.10											